

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION: MARK L. LAWRENCE, ET AL.

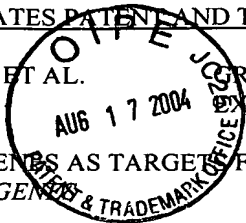
SERIAL NUMBER: 10/767,441

FILED: JANUARY 30, 2004

FOR: USE OF NOVEL VIRULENCE-SPECIFIC GENES AS TARGETS FOR DIAGNOSIS AND POTENTIAL CONTROL OF VIRULENT STRAINS OF *LISTERIA MONOCYTOGENES*

GROUP ART UNIT: 1643

EXAMINER: UNASSIGNED



INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Assistant Commissioner for Patents
PO BOX 1450
ALEXANDRIA, VA 22313-1450

Sir:

Applicant(s) wish(es) to disclose the following information.

REFERENCES

- ☒ Applicant(s) wish(es) to make of record the documents listed on the attached Form PTO-1449. Copies of the listed documents are attached, where required, as are either statements of relevancy or any readily available full or partial English translations of any non-English-language documents.

RELATED CASES

- ☐ Attached is a list of Applicant's(s') pending applications and issued patents which may be related to the present application. Copies of the documents, where required, are attached along with Form PTO-1449.

CERTIFICATION

The undersigned certifies that

- ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application for the first time (to the knowledge of the undersigned, having made reasonable inquiry) not more than three months prior to the filing of this statement.
- ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.

BASIS FOR CONSIDERATION

This Information Disclosure Statement is filed:

- ☐ without fee and within three months of the filing date of the application.
- ☐ without fee and within three months of the date of entry of the U.S. national stage.
- ☒ without fee and before the mailing date of a first Office Action on the merits (to the knowledge of the undersigned).
- ☐ without fee and with the appropriate certification above.
- ☐ without fee and with a new CPA application.
- ☐ without fee and with a Request for Continued Examination.
- ☐ with fee and before the mailing date of any Final Office Action, Notice of Allowance or an action that otherwise closes prosecution (to the knowledge of the undersigned).
- ☐ with fee, appropriate certification above, and before payment of the Issue Fee.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 50-1442.

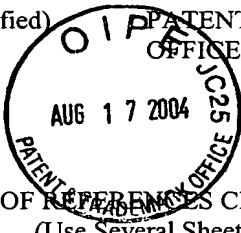
Respectfully submitted,

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Form PTO 1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT (Use Several Sheets if Necessary)		DOCKET NO. 2343-179-27 APPLICANT MARK L. LAWRENCE, ET AL. FILING DATE JANUARY 30, 2004		SERIAL NO. 10/767,441 GROUP ART UNIT 1643			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	AA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY		TRANSLATION YES NO	
	AC						
	AD						
	AE						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AF	Aznar, et al., "On the specificity of PCR detection of <i>Listeria monocytogenes</i> in food: a comparison of published primers." System Appl. Microbiol., 25:109-119 (2002).					
	AG	Bassler, et al., "Use of a fluorogenic probe in a PCR-based assay for the detection of <i>Listeria monocytogenes</i> ." Applied and Environmental Microbiology, 61(10):3724-3728 (1995).					
	AH	Blais, et al., "A nucleic acid sequence-based amplification system for detection of <i>Listeria monocytogenes hlyA</i> sequences." Applied and Environmental Microbiology, 63(1):310-313 (1997).					
	AI	Bohne, et al., "Differential regulation of the virulence genes of <i>Listeria monocytogenes</i> by the transcriptional activator PrfA." Molecular Microbiology 20(6):1189-1198 (1996).					
	AJ	Bubert, et al., "Detection and differentiation of <i>Listeria</i> spp. by a single reaction based on multiplex PCR." Applied and Environmental Microbiology, 65(10):4688-4692 (1999).					
	AK	Bubert, et al., "Differential expression of <i>Listeria monocytogenes</i> virulence genes in mammalian host cells." Mol Gen Genet 261:323-336 (1999).					
	AL	Camilli, et al., "Dual roles of <i>plcA</i> in <i>Listeria monocytogenes</i> pathogenesis." Molecular Microbiology 8(1):143-157 (1993).					
	AM	Carpenter, et al., "Survival of <i>Listeria monocytogenes</i> on processed poultry." Journal of Food Science 54(3):556-557 (1989).					
EXAMINER					DATE CONSIDERED		
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AN	Domann, et al., "A novel bacterial virulence gene in <i>Listeria monocytogenes</i> required for host cell microfilament interaction with homology to the proline-rich region of vinculin." The EMBO Journal 11(5):1981-1990 (1992).		
AO	Donnelly, et al., "Method for flow cytometric detection of <i>Listeria monocytogenes</i> in milk." Applied and Environmental Microbiology, 52(4):689-695 (1986).		
AP	Doyle, et al., "Survival of <i>Listeria monocytogenes</i> in milk during high-temperature, short-time pasteurization." Applied and Environmental Microbiology, 53(7):1433-1438 (1987).		
AQ	Erdenlig, et al., "Production of monoclonal antibodies to <i>Listeria monocytogenes</i> and their application to determine the virulence of isolates from channel catfish." Applied and Environmental Microbiology, 65(7):2827-2832 (1999).		
AR	Erdenlig, et al., "Pathogenicity and production of virulence factors by <i>Listeria monocytogenes</i> isolates from channel catfish." Journal of Food Protection 63(5):613-619 (2000).		
AS	Farber, et al., "Thermal resistance of <i>Listeria monocytogenes</i> in sausage meat." Acta Microbiologica Hungarica 36(2-3):273-275 (1989).		
AT	Farber, et al., "Monoclonal antibodies directed against the flagellar antigens of <i>Listeria</i> species and their potential in EIA-based methods." Journal of Food Protection 50(6):479-484 (1987).		
AU	Franciosa, et al., "Characterization of <i>Listeria monocytogenes</i> strains involved in invasive and noninvasive listeriosis outbreaks by PCR-based fingerprinting techniques." Applied and Environmental Microbiology, 67(4), 1793-1799 (2001).		
AV	Freitag, et al., "Examination of <i>Listeria monocytogenes</i> intracellular gene expression by using the green fluorescent protein of <i>Aequorea victoria</i> ." Infection and Immunity, 67(4):1844-1852 (1999).		
AW	Gellin, et al., "Listeriosis." JAMA 261(9):1313-1320 (1989).		
AX	Glaser, et al., "Comparative genomics of <i>Listeria</i> species." Science, 294, 849-852 (2001).		
AY	Glaser, et al., "From the pathogenic to the innocuous: comparison of the <i>Listeria monocytogenes</i> and the <i>Listeria innocua</i> genomes." GenBank Accession# NC-003210 (2001). http://www.ncbi.nlm.nih.gov , page 1 and 2 of 1,771, printed July 16, 2004.		
AZ	Graham, et al., "Inter- and intraspecies comparison of the 16S-23S rRNA operon intergenic spacer regions of six <i>Listeria</i> spp." International Journal of Systematic Bacteriology, 47(3), 863-869 (1997).		
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	BA	Gray, et al., " <i>Listeria monocytogenes</i> and listeric infections." Bacteriological Reviews, 30(2):309-373 (1966).			
	BB	Heisick, et al., " <i>Listeria</i> spp. found on fresh market produce." Applied and Environmental Microbiology, 55(8):1925-1927 (1989).			
	BC	Hof, et al., "Is any strain of <i>Listeria monocytogenes</i> detected in food a health risk?" International Journal of Food Microbiology, 16:173-182 (1992).			
	BD	Klein, et al., "Sensitive detection of viable <i>Listeria monocytogenes</i> by reverse transcription-PCR." Applied and Environmental Microbiology, 63(11): 4441-4448 (1997).			
	BE	Kuhn, et al., "Molecular studies on the virulence of <i>Listeria monocytogenes</i> ." Genetic Engineering, 17:31-51 (1995).			
	BF	Lamont, et al., " <i>Listeria monocytogenes</i> and its role in human infection." Journal of Infection, 17:7-28 (1988).			
	BG	Lennon, et al., "Epidemic perinatal listeriosis." Pediatric Infectious Disease, 3(1):30-34 (1984).			
	BH	Liu, D., "Development of gene probes of <i>Dichelobacter nodosus</i> for differentiating strains causing virulent, intermediate or benign ovine footrot." British Veterinary Journal, 150(5):451-462 (1994).			
	BI	Liu, et al., " <i>Dichelobacter nodosus</i> : differentiation of virulent and benign strains by gene probe based dot blot hybridisation." Veterinary Microbiology, 38:71-79 (1993).			
	BJ	Nishibori, et al., "Correlation between the presence of virulence-associated genes as determined by PCR and actual virulence to mice in various strains of <i>Listeria</i> spp." Microbiol Immunol 39(5), 343-349 (1995).			
	BK	Norton, et al., "Detection of viable <i>Listeria monocytogenes</i> with a 5' nuclease PCR assay." Applied and Environmental Microbiology, 65(5):2122-2127 (1999).			
	BL	Norton, et al., "Characterization and pathogenic potential of <i>Listeria monocytogenes</i> isolates from the smoked fish industry." Applied and Environmental Microbiology, 67(2):646-653 (2001).			
	BM	Pine, et al., "Cytopathogenic effects in enterocytelike Caco-2 cells differentiate virulent from avirulent <i>Listeria</i> strains." Journal of Clinical Microbiology, 29(5):990-996 (1991).			
	BN	Portnoy, et al., "Role of hemolysin for the intracellular growth of <i>Listeria monocytogenes</i> ." J. Exp. Med., 167:1459-1471 (1988).			
	BO	Portnoy, et al., "Molecular determinants of <i>Listeria monocytogenes</i> pathogenesis." Infection and Immunity, 60(4):1263-1267 (1992).			
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	BP	Poyart, et al., "The zinc metalloprotease of <i>Listeria monocytogenes</i> is required for maturation of phosphatidylcholine phospholipase C: direct evidence obtained by gene complementation." <i>Infection and Immunity</i> , 61(4):1576-1580 (1993).			
	BQ	Roche, et al., "Assessment of the virulence of <i>Listeria monocytogenes</i> : agreement between a plaque-forming assay with HT-29 cells and infection of immunocompetent mice." <i>International Journal of Food Microbiology</i> , 68:33-44 (2001).			
	BR	Rodler, et al., "Examination of <i>Listeria monocytogenes</i> in milk products." <i>Acta Microbiologica Hungarica</i> 36(2-3):259-261 (1989).			
	BS	Sallen, et al., "Comparative analysis of 16S and 23S rRNA sequences of <i>Listeria</i> species." <i>International Journal of Systematic Bacteriology</i> , 46(3):669-674 (1996).			
	BT	Schuchat, et al., "Epidemiology of human listeriosis." <i>Clinical Microbiology Review</i> , 4(2):169-183 (1991).			
	BU	Smith, et al., "The two distinct phospholipases C of <i>Listeria monocytogenes</i> have overlapping roles in escape from a vacuole and cell-to-cell spread." <i>Infection and Immunity</i> , 63(11):4231-4237 (1995).			
	BV	Vazquez-Boland, et al., "Nucleotide sequence of the lecithinase operon of <i>Listeria monocytogenes</i> and possible role of lecithinase in cell-to-cell spread." <i>Infection and Immunity</i> , 60(1):219-230 (1992).			
	BW	Vazquez-Boland, et al., " <i>Listeria</i> pathogenesis and molecular virulence determinants." <i>Clinical Microbiology Reviews</i> , 14(3):584-640 (2001).			
	BX	Wiedmann, et al., "Ribotypes and virulence gene polymorphisms suggest three distinct <i>Listeria monocytogenes</i> lineages with differences in pathogenic potential." <i>Infection and Immunity</i> , 65(7):2707-2716 (1997).			
	BY	Winters, et al., "Rapid detection of <i>Listeria monocytogenes</i> by a PCR assay specific for an aminopeptidase." <i>Molecular and Cellular Probes</i> , 13:127-131 (1999).			
	BZ				
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